Alignment with National Science Education Standards

EstuaryLive 2004 addresses the National Science Education Standards (NSES) listed below. How thorough they are addressed will depend upon specific programs and, more importantly, the questions that you ask.

Correlation	**K-4**	**5-8**	**9-12**
Content Standard A: Science as inquiry			
o Abilities necessary to do scientific inquiry	√	√	√
o Understanding about scientific inquiry	√	√	√
Content Standard B: Physical science.			
Transfer of energy		√	
o Chemical reactions		√	
o Interactions of energy and matter		√	
Content Standard C: Life science.			
o Characteristics of organisms	√		
o Life cycles of organisms	√		
o Organisms and environments	√		
o Structure and function in living systems		√	
o Reproduction and heredity		√	
o Regulation and behavior		√	
o Populations and ecosystems		√	
o Diversity and adaptations of organisms		√	
o Biological evolution			
o Interdependence of organisms			
o Matter, energy, and organization in living systems			
o Behavior of organisms			
Content Standard D: Earth and space science.			
o Properties of earth materials	√		
o Structure of the earth system		√	
o Earth's history		√	
o Energy in the earth system			
o Geochemical cycles			
o Origin and evolution of the earth system			
Content Standard E: Science and technology.			

Correlation	**K-4**	**5-8**	**9-12**
o Abilities of technological design			√
o Understanding about science and technology	√	√	√
Content Standard F: Science in personal and social perspectives.			
o Personal health	√	√	√
o Characteristics and changes in populations	√		√
o Types of resources	√		√
o Changes in environments	√		√
o Science and technology in local challenges	√		
o Populations, resources, and environments		√	
o Natural hazards		√	√
o Risks and benefits		√	
o Science and technology in society		√	√
Content Standard G: History and nature of science.			
o Science as a human endeavor	√	√	√
o Nature of science		√	√